

FIG. 1E

	MeIF-4AI	MeIF-4AII	NeIF-4A3
XeIF-4AIII	64	66	73
MeIF-4AI		90	62
MeIF-4AII			62

FIG. 1A

1	M A A A A V A G V A G L T T A H A K R L L R E E D M T T V E	XeIF-4AIII
1	M E E D R L V	NeIF-4A3
31	F Q T S E E V D V T P T F D T M G L R E D L L R G I Y A Y G	XeIF-4AIII
8	F E T S K G V E P I A S F A E M G I K D D L L R G V Y Q Y G	NeIF-4A3
61	F E K P S A I Q Q K A I K Q I I K G R D V I A Q S Q S G T G	XeIF-4AIII
38	F E K P S A I Q Q R A V L P I I S G R D V I A Q A Q S G T G	NeIF-4A3
91	K T A T F C V S V L Q C L D I Q I R E T Q A L I L A P T K E	XeIF-4AIII
68	K T S M I A L T V C Q I V D T K S S E V Q A L I L S P T R E	NeIF-4A3
121	L A R Q I Q K V L L A L G D Y M N V Q Q C H A C I G G T N V G	XeIF-4AIII
98	L A A Q T E K V I L A I G D Y I N V Q A H A C I G G K S V G	NeIF-4A3
151	E D I R K L D Y G Q H V V A G T P G R V F D M I R R R S L R	XeIF-4AIII
128	E D I R K L E H G V Q V V S G T P G R V C D M I K R R T L R	NeIF-4A3

A ————— A

FIG. 1B

A ————— A

181	T R A I K M L V L D E A D E M L N K G F K E Q I Y D V Y R Y	XeIF-4AIII
158	T R G I K L L I L D E S D E M L S R G F K D Q I Y D V Y R Y	NelF-4A3
211	L P P A T Q V C L I S A T L P H E I L E M T N K F M T D P I	XeIF-4AIII
188	L P P E L Q V V L I S A T L P N E I L E I T S K F M T D P V	NelF-4A3
241	R I L V K R D E L T L E G I K Q F F V A V E R E E W K F D T	XeIF-4AIII
218	R I L V K R D E L T L E G I K Q F F V A V E K E E W K F D T	NelF-4A3
271	L C D L Y D T L T I T Q A V I F C N T K R K V D W L T E K M	XeIF-4AIII
248	L C D L Y D T L T I T Q A V I F C N T K R K V D W L T S K M	NelF-4A3
301	R E A N F T V S S M H G D M P Q K E R E S I M K E F R S G A	XeIF-4AIII
278	R E N N F T V S S M H G D M P Q K E R D A I M A E F R G G T	NelF-4A3
331	S R V L I S T D V W A R G L D V P Q V S L I I N Y D L P N N	XeIF-4AIII
308	T R V L I T T D V W A R G L D V Q Q V S L V I N Y D L P N N	NelF-4A3
361	R E L Y I H R I G R S G R Y G R K G V A I N F V K N D D I R	XeIF-4AIII
338	R E L Y I H R I G R S G R F G R K G V A I N F V K S D D I K	NelF-4A3
391	I L R D I E Q Y Y S T Q I D E M P M N V A D L I	XeIF-4AIII
368	I L R D I E Q Y Y S T Q I D E M P M N V A D L I	NelF-4A3

embryonic stage

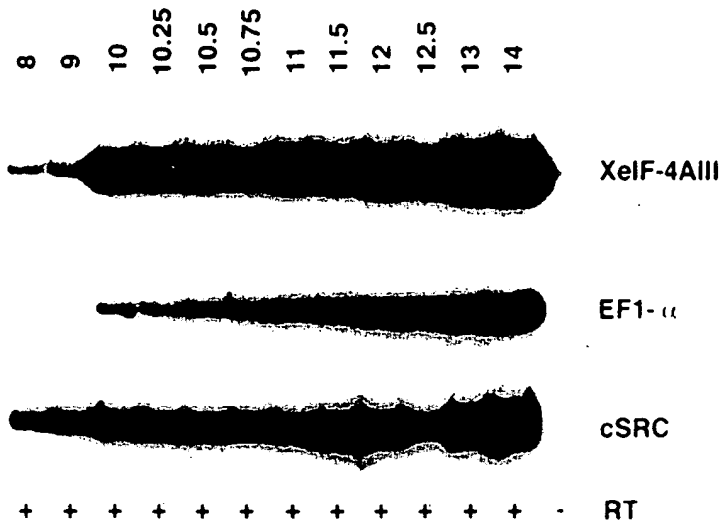


FIG. 1C

FIG. 1D

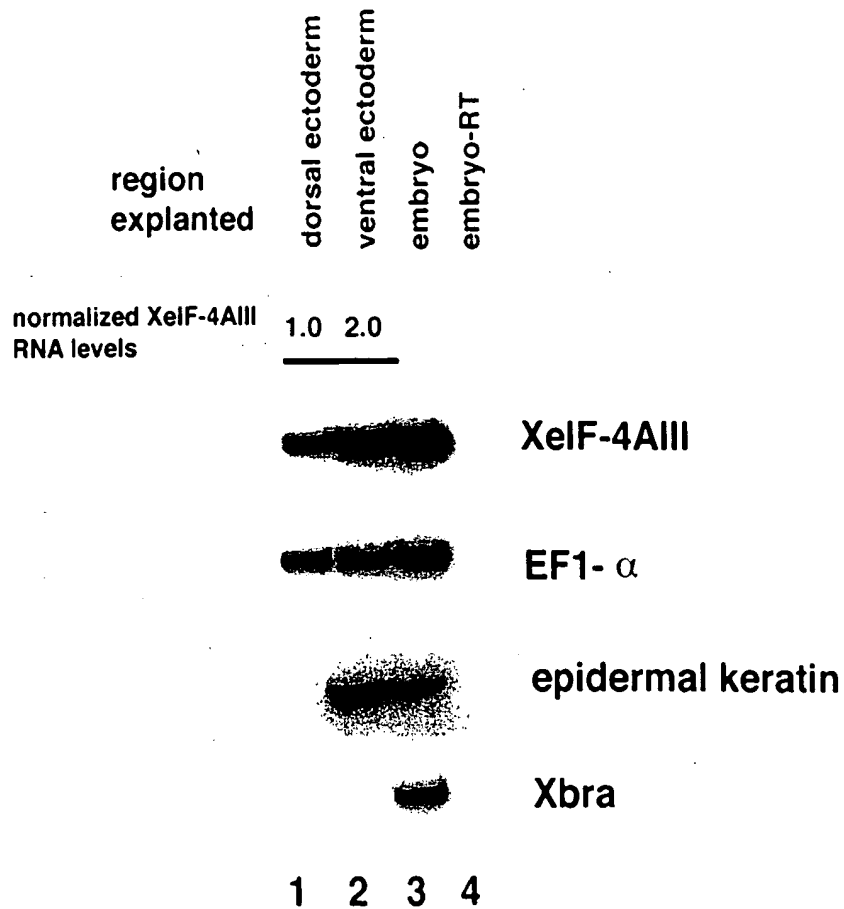
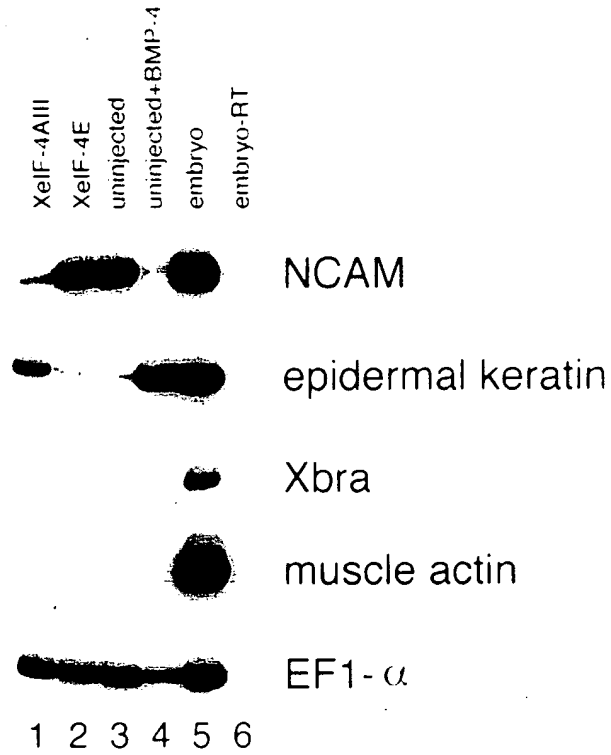
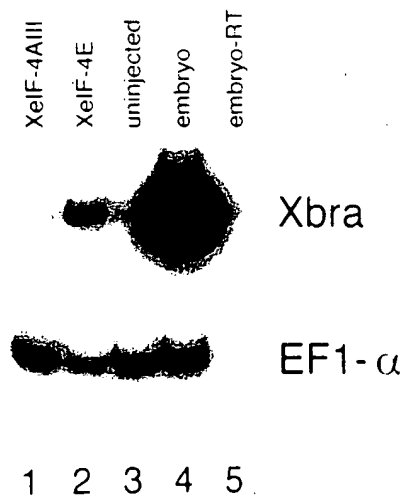


FIG. 2A**FIG. 2B**

XelF-4AIII
Melf-4AI
XelF-4AIII+Melf-4AI
uninjected
uninjected+BMP-4
embryo
embryo-RT

FIG. 2C

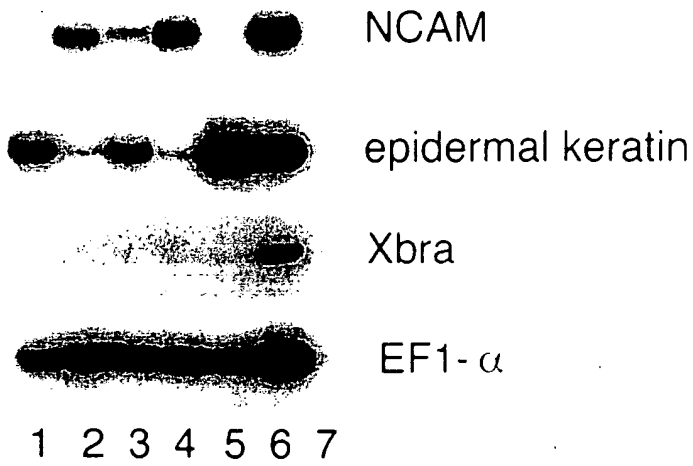


FIG. 2D

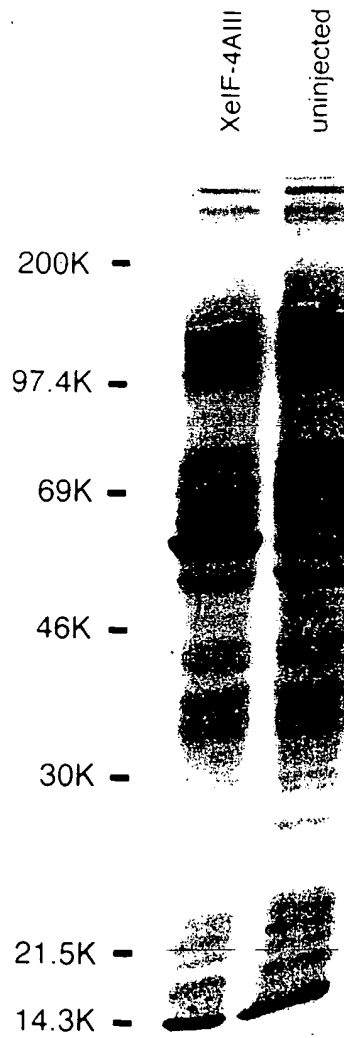


FIG. 3A

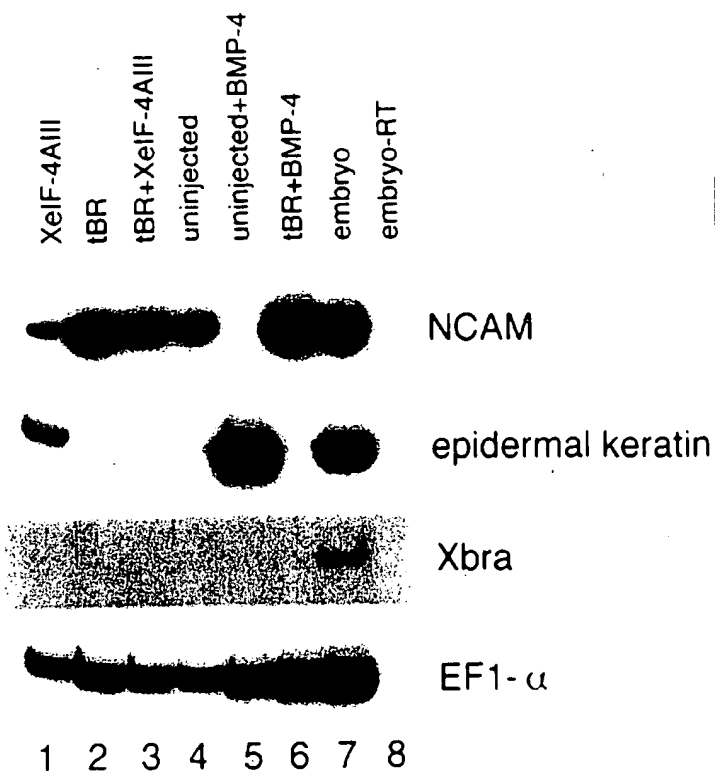
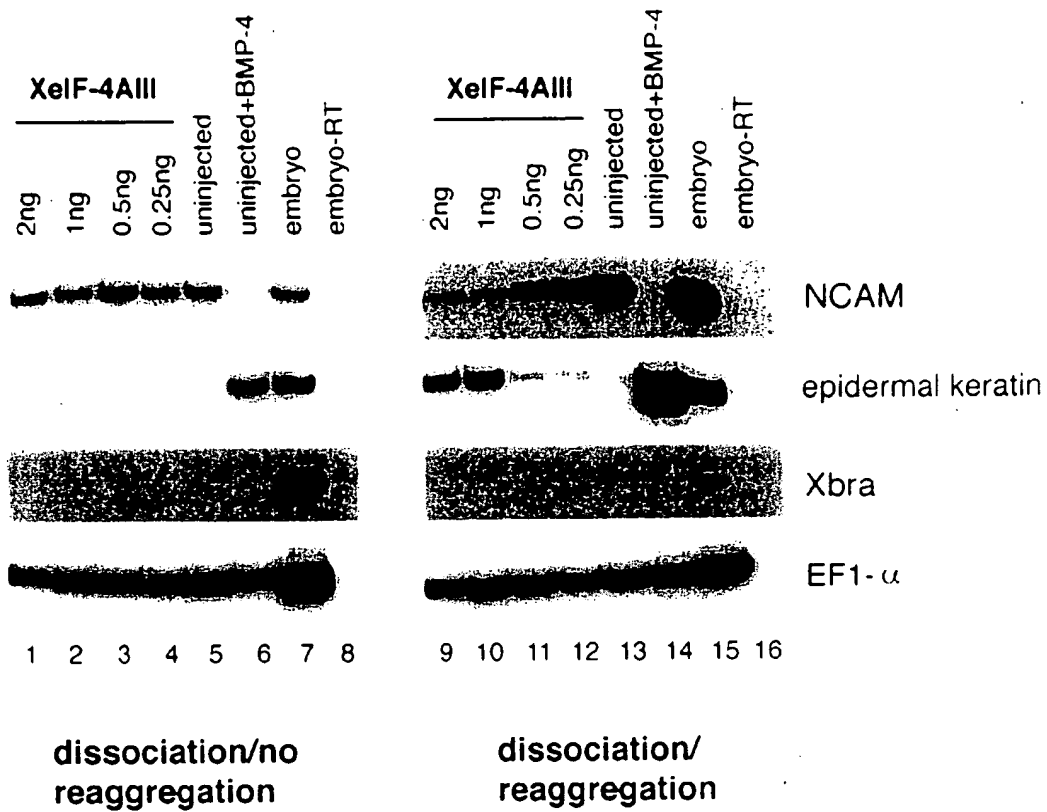


FIG. 3B